

PATENT ABSTRACTS OF JAPAN

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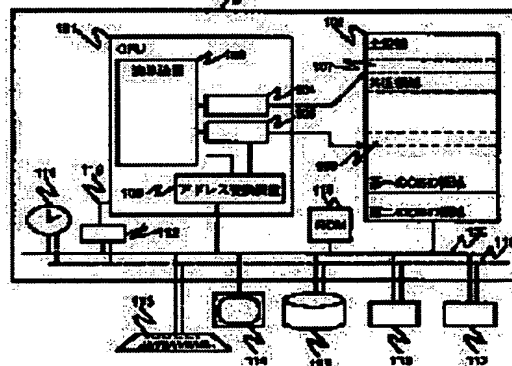
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(54) MULTI-OS CONSTITUTING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To run two OS's on one computer by determining the timing of actuation of an interruption handler according to the execution state of OS's and actuating interruption handlers for the OS's according to the timing.

SOLUTION: A processor 101 when receiving an interruption request from an interruption controller 112 acquires the address of the interruption handler corresponding to an interruption number from an interruption table that an interruption table register 104 indicates and moves the control to the address to start an interruption process. In this case, the 1st OS reserves computer resources such as a physical memory and an external device that the 2nd OS requires and a management program which is independent of both the OS's takes an external interruption out, determines which OS's interruption handler should be initiated according to an interruption factor, and determines the timing of initiation of the interruption handler according to the execution state of the OS's, thereby initiating the interruption handlers of the respective OS's according to the timing.



LEGAL STATUS

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